

What is claims is:

1. A content data acquiring system comprising:
a portable terminal which issues a content
data request for content data desired by a user, and
receives a desired content data file to reproduce said
5 desired content data from said desired content data
file;

a first server which is provided on a first
network and which can provide first content data files
written in a first language, wherein said first server
10 transmits a desired one of said first content data
files via said first network in response to said
content data request when said content data request is
destined to said first server;

a second server which is provided on a second
15 network as the Internet and which can provide second
content data files written in a HTML (hypertext markup
language) language, wherein said first language is
different from said HTML language, and said second
server transmits said desired one of said second
20 content data files via said second network when said
content data request is destined to said second
server; and

a gateway which is operatively connected with
said portable terminal and said first and second
25 servers, and transfers said content data request from
said portable terminal to said first or second server

based on said content data request, and transfers said desired content data file from said first or second server to said portable terminal.

2. The content data acquiring system according to claim 1, wherein said first server is a WAP (wireless access protocol) server, said first language is WML (wireless markup language) language, and said
5 first network is a WAP network.

3. The content data acquiring system according to claim 1, wherein said portable terminal is a portable phone.

4. The content data acquiring system according to claim 1, wherein said portable terminal is a portable computer.

5. The content data acquiring system according to claim 1, wherein said gateway comprises
a base station which transfers said content data request from said portable terminal, and transfer
5 said desired content data file to said portable terminal; and

a control unit which transfers said content data request transferred from said base station to said first or second server based on said content data

10 request, and transfers said desired content data file
to said base station, and

said control unit comprises:

a WML converting section which converts said
desired content data file having a HTML data format
15 and transmitted from said second server to have a WML
data format, and converts said content data request
having a WAP data format and transmitted from said
base station to have an HTML data format and transmits
said content data request having said HTML data format
20 to said second server based on said content data
request; and

a data converting section which converts said
desired content data file having said WML data format
and transmitted from said first server or said WML
25 converting section to have a WAP data format and
transmits said desired content data file to said base
station, and converts said content data request having
said WAP data format and transmitted from said base
station to have said WML data format and transmits
30 said content data request having said WML format to
said first server based on said content data request.

6. The content data acquiring system according
to claim 1, wherein said desired content data file
includes an identifier indicating a category of said
desired content data file.

7. The content data acquiring system according to claim 6, wherein said desired content data file is classified into said category based on a size of said desired content data file.

8. The content data acquiring system according to claim 6, wherein said desired content data file is classified into said category based on a file format of said desired content data file.

9. The content data acquiring system according to claim 6, further comprising a peripheral device corresponding to said identifier,

wherein said portable terminal transmits said
5 desired content data file to said peripheral device such that said peripheral device reproduces said desired content data from said desired content data file.

10. The content data acquiring system according to claim 6, further comprising a plurality of peripheral devices respectively allocated with identifiers which are different from each other,

5 wherein said portable terminal comprises:

a storage section which stores relations of one identifier and one peripheral device; and

a control section which extracts at least an

identifier from said desired content data file,
10 determines whether said extracted at least an
identifier is stored in said storage section, and
transmits said desired content data file to at least
one of said plurality of peripheral devices
corresponding to said extracted at least an identifier
15 such that said at least one peripheral device
reproduces said desired content data from said desired
content data file, when it is determined that said
extracted at least an identifier is stored in said
storage section.

11. The content data acquiring system according
to claim 10, wherein said portable terminal reproduces
said desired content data from said desired content
data file, when it is determined that said extracted
5 at least an identifier is not stored in said storage
section.

12. The content data acquiring system according
to claim 9, wherein said portable terminal transmits
said desired content data file to said peripheral
device or said at least one of said plurality of
5 peripheral devices through a radio channel.

13. The content data acquiring system according
to claim 10, wherein said portable terminal further

comprises a display section, and

wherein said control section controls said
5 display section to display a menu screen in a
peripheral device setting mode,

said control section controls said display
section to display said stored relations of said
identifier and said peripheral device when a
10 confirmation item of said menu screen is selected,

said control section stores a new relation of
said identifier and said peripheral device in said
storage section when a new registration item of said
menu screen is selected,

15 said control section controls said display
section to display said relations of said identifier
and said peripheral device when a change item of said
menu screen is selected, and stores a changed relation
of said identifier and said peripheral device in said
20 storage section when the displayed relation is
changed, and

said control section deletes all said stored
relations of said identifier and said peripheral
device when a all-deletion item of said menu screen is
25 selected.

14. The content data acquiring system according
to claim 6, further comprising:

a plurality of peripheral devices connectable

to said portable terminal; and

5 a third server which is provided on said
first or second network and transmits information of
the most adaptive peripheral device to said portable
terminal based on reception data of said plurality of
peripheral devices and said identifier corresponding
10 to said desired content data file, when any of said
plurality of peripheral devices is adaptive, and

 wherein said portable terminal transmits said
reception data to said third server and receives said
information of the most adaptive peripheral device and
15 transmits said desired content data file to the most
adaptive peripheral device based on said information.

15. The content data acquiring system according
to claim 14, wherein when said portable terminal
transmits only said identifier or when there is no
adaptive peripheral device in said reception data,
5 said third server transmits a list of adaptive
peripheral devices to said portable terminal.

16. A data processing terminal connectable a
plurality of peripheral devices, comprising:

 a transmitting section which transmits a
radio signal to a base station;

5 a receiving section which receives a radio
signal from said base station;

a storage section which stores relations of an identifier and a peripheral device;

a reproducing section which can reproduce
10 desired content data from a desired content data file;
an interfacing section which can transmit and receive a signal; and

a control section which controls said transmitting section to transmit a content data
15 request to said base station, extracts at least an identifier from said desired content data file received by said receiving section in response to said content data request, searches said storage section to determine whether said extracted at least an
20 identifier is stored in said storage section, and transmits said desired content data file to said peripheral device adaptive for said at least an identifier without reproduction of said desired content data by said reproducing section, when it is
25 determined that said extracted at least an identifier is stored in said storage section.

17. The data processing terminal according to claim 16, wherein said control section controls said reproducing section to reproduce said desired content data from said desired content data file when it is
5 determined that said extracted at least an identifier is not stored in said storage section.

18. The data processing terminal according to claim 16, wherein said interfacing section is detachable.

19. The data processing terminal according to claim 16, wherein said interfacing section transmits said desired content data file to said adaptive peripheral device through a radio channel.

20. The data processing terminal according to claim 16, wherein said identifier indicates a category of said desired content data file.

21. The data processing terminal according to claim 20, wherein said desired content data file is classified into said category based on a size of said desired content data file.

22. The data processing terminal according to claim 20, wherein said desired content data file is classified into said category based on a file format of said desired content data file.

23. The data processing terminal according to claim 16, wherein said data processing terminal has a portable phone function.

24. The data processing terminal according to claim 16, wherein said control section controls a display section of said reproducing section to display a menu screen in a peripheral device setting mode,

5 said control section controls said display section to display said stored relations of said identifier and said peripheral device when a confirmation item of said menu screen is selected,

said control section stores a new relation of
10 said identifier and said peripheral device in said storage section when a new registration item of said menu screen is selected, and said new relation is inputted,

said control section controls said display
15 section to display said relations of said identifier and said peripheral device when a change item of said menu screen is selected, and stores a changed relation of said identifier and said peripheral device in said storage section when the displayed relation is
20 changed, and

said control section deletes all said stored relations of said identifier and said peripheral device when a all-deletion item of said menu screen is selected.

25. The data processing terminal according to claim 16, wherein said control section transmits

device data indicating said peripheral devices
connected to said data processing terminal an inquiry
5 server and receives information of the most adaptive
peripheral device in response to said device data, and
transmits said desired content data file to the most
adaptive peripheral device based on said information.

26. A content data acquiring system comprising:
a peripheral device corresponding to an
identifier;

a portable terminal which issues a content
5 data request for content data desired by a user, and
receives a desired content data file to extract said
identifier from said desired content data file and
controls said peripheral device to reproduce said
desired content data from said desired content data
10 file;

a server which is provided on a network and
which transmits a desired content data file via said
network in response to said content data request;

a gateway which is connected to said portable
15 terminal and said server and transfers said content
data request from said portable terminal to said
server, and transfers said desired content data file
from said server to said portable terminal.

27. The content data acquiring system according

to claim 26, wherein said server is a WAP (wireless access protocol) server, said desired content data file is written in a WML (wireless markup language) language, and said network is a WAP network.

28. The content data acquiring system according to claim 26, wherein said gateway comprises:

a base station which transfers said content data request from said portable terminal, and transfers said desired content data file to said portable terminal; and

a control unit which transfers said content data request transferred from said base station to said server, and transfers said desired content data file from said server to said base station, and

said control unit comprises:

a data converting section which converts said desired content data file having said WML data format and transmitted from said server to have a WAP data format and transmits said desired content data file having said WAP data format to said base station, and converts said content data request having said WAP data format and transmitted from said base station to have said WML data format and transmits said content data request having said WML format to said server based on said content data request.

29. The content data acquiring system according to claim 28, wherein said server is an Internet server, said desired content data file is written in an HTML (Hypertext markup language) language, and said
5 network is the Internet.

30. The content data acquiring system according to claim 29, wherein said control unit comprises:
a converting section which converts said
desired content data file having a HTML data format
5 and transmitted from said server to have a WML data
format, converts said desired content data file having
said WML data format to have a WAP data format and
transmits said desired content data file having said
WAP data format to said base station, and converts
10 said content data request having said WAP data format
and transmitted from said base station to have an HTML
data format and transmits said content data request
having said HTML data format to said server based on
said content data request.

31. The content data acquiring system according to claim 26, wherein said portable terminal is a
portable phone.

32. The content data acquiring system according to claim 26, wherein said portable terminal is a

portable computer.

33. The content data acquiring system according to claim 26, wherein said desired content data file is classified to have said identifier based on a size of said desired content data file.

34. The content data acquiring system according to claim 26, wherein said desired content data file is classified to have said identifier based on a file format of said desired content data file.

35. The content data acquiring system according to claim 26, further comprising:

a plurality of peripheral devices connectable to said portable terminal; and

5 an inquiry server which is provided on said network and transmits information of peripheral device the most adaptive for reproduction of said desired content data to said portable terminal based on device data of said plurality of peripheral devices and said
10 identifier extracted from said desired content data file, when any of said plurality of peripheral devices is adaptive, and

wherein said portable terminal transmits said device data to said inquiry server and receives said
15 information of the most adaptive peripheral device and

transmits said desired content data file to the most adaptive peripheral device based on said information.

36. The content data acquiring system according to claim 35, wherein when said portable terminal transmits only said identifier or when there is no adaptive peripheral device in said device data, said inquiry server transmits a list of adaptive peripheral devices to said portable terminal.

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